Please type a plus sign (+) inside this box → ⊞

Substitute for form 1449A/B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*		Application Number	Unassigned
		Filing Date	December 30, 2003
		First Named Inventor	Lamport
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	1 of 2	Attorney Docket Number	224009

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No++

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No++
	A A	LAMPORT, Leslie, "Time, Clocks, and the Ordering of Events in a Distributed System", *Communication of the ACM*, 21(7):558-565, July 1978	✓	
	A B	LAMPORT, Leslie, "The Part-Time Parliament", *ACM Transactions on Computer Systems* 16, 2 (May 1998), pp. 133-169. Also appeared as SRC Research Report 49	✓	
	A C	LAMPORT, Leslie, "Paxos Made Simple", *ACM SIGACT* News (Distributed Computing Column), 32,4 (Whole Number 121, December 2001) pp. 18-25	✓	
	A D	LAMPSON, Butler W., "The ABCD's of Paxos", Presented at *Principles of Distributed Computing*, 2001, as one of the papers celebrating Leslie Lamport's 60th Birthday, retrieved from http://research .microsoft.com/lampson/65-ABCDPaxos/Acrobat.pdf	✓	
	A E	CASTRO, Miguel, et al., "Practical Byzantine Fault Tolerance", appears in *Proceedings of the Third-Symposium on Operating Design and Implementation*, New Orleans, USA, February 1999, pp. 1-14	✓	
	A F	CASTRO, Miguel, et al., "Proactive Recovery in a Byzantine-Fault-Tolerant System", appears in the *Proceedings of the Fourth Symposium on Operating Systems Design and Implementation* (OSDI '00), San Diego, USA, October 2000, pp. 1-15	✓	
	A G	HUANG, Yennun, et al., "Software Rejuvenation: Analysis, Module and Applications", *Proc. International Symposium on Fault Tolerant Computing*, pp. 381-390, (1995)	✓	
	A H	BRACHA, Gabriel, "An asynchronous $\lfloor(\eta-1)/3\rfloor$-resilient consensus protocol" this paper was presented at the *ACM Symposium on Principles of Distributed Computing* 1984, pp. 154-162	✓	
	A I	KEIDAR, Idit, et al., "Moshe: A Group Membership Service for WANs" to appear in *ACM Transactions on Computer Systems (TOCS)*, August 2002, pp. 1-47	✓	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.S./

AJ	KHAZAN, Roger, I., "A One-Round Algorithm for Virtually Synchronous Group Communication in Wide Area Networks", PH.D. dissertation, Department of Electrical Engineering and Computer Science. MIT., May 22, 2002. Thesis Supervisors: Prof. Nancy A. Lynch and Dr. Idit Keidar. Retrieved from http://theroy.1cs.mit.edu/~roger/Research/Papers /khazan-phd.pdf	
AK	ANCEAUME et al., "Converging Toward Decision Conditions" 6th International Conference on Principles of Distributed Systems, France, pp. 53-63 (December 11-13, 2002)	
AL	MOSTEFAOUI et al., "IRISA Research Report Number 1355" (October 2000)	
AM	BRASILEIRO et al., "IRISA Research Report Number 1321" (April 2000)	
AN	Schneider, F.; *Implementing Fault-tolerant Services Using the State Machine Approach: A Tutorial*; Computing Surveys, 22(3):299–319, September 1990.	
AΘ	Deswarte, Y. et al; *Intrusion Tolerance in Distributed Computing Systems*; Proceedings of the 1991 IEEE Symposium on Research in Security and Privacy; pp. 110-121, May 1991.	
AR	Canetti, R. et al.; *Fast asynchronous Byzantine agreement with optimal resilience*; Proc. 25th Annual ACM Symposium on Theory of Computing (STOC), pp. 42–51, 1993.	
AQ	Reiter, M; *How to Securely Replicate Services*; ACM Transactions on Programming Languages and Systems, Vol. 16, No. 3, pp. 986-1009, May 1994.	
AR	Reiter, M. K.; *Secure Agreement Protocols: Reliable and Atomic Group Multicast in Rampart*; Proceedings of the 2nd ACM Conference on Computer and Communications Security, pages 68-80, Fairfax, Virginia, November 1994.	
AS	Gong, L. et al.; *Byzantine Agreement With Authentication: Observations and Applications in Tolerating Hybrid and Link Faults*; Dependable Computing for Critical Applications – 5, pages 79-90, IFIP WG 10.4, preliminary proceedings, 1995.	
AT	Reiter, M. K.; *The Rampart toolkit for building high-integrity services*; Theory and Practice in Distributed Systems, International Workshop, Selected Papers, Lecture Notes in Computer Science, vol. 938, K. P. Birman, F. Mattern, and A. Schiper, Eds., Springer-Verlag, Berlin, 99–110, 1995.	
AU	Reiter, M. K.; *Distributing Trust With the Rampart Toolkit*; Communications of the ACM, 39, 4 pp. 71-74, April 1996.	
AV	Malkhi, D. et al.; *A High-Throughput Secure Reliable Multicast Protocol*; Proceedings of the 9th Computer Security Foundations Workshop, Kenmore, Ireland, pp. 9-17, June 1996.	
AW	Malkhi, D. et al.; *A High-Throughput Secure Reliable Multicast Protocol*; Journal of Computer Security. Also in Proceedings of the 9th IEEE Computer Security Foundations Workshop, pages 9-17, June 1996.	
AX	Malkhi, D. et al.; *Byzantine Quorum Systems*; Proceedings of the 29th ACM Symposium on Theory of Computing, May 1997.	
AY	Malkhi, D. et al.; *The Load and Availability of Byzantine Quorum Systems*; Proceedings 16th ACM Symposium on Principles of Distributed Computing (PODC), pages 249-257, August 1997.	
AZ	Kihlstrom, K. P. et al.; *Solving Consensus in a Byzantine Environment Using an Unreliable Fault Detector*; Proceedings of the International Conference on Principles of Distributed Systems (OPODIS'97), Hermes, Chantilly, France, 61–76, 1997.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.S./

	BA	Kihlstrom, K. P. et al.; *The SecureRing Protocols for Securing Group Communication*; <u>Proceedings of the 31st Hawaii International Conference on System Sciences</u>, Vol. 3, pp. 317-326, Jan 1998.		
	BB	Malkhi, D. et al.; *Secure and Scalable Replication in Phalanx*; <u>Proceedings of the 17th IEEE Symposium on Reliable Distributed Systems</u>; p. 51-58, West Lafayette, Indiana, USA, Oct 1998.		
	BC	Malkhi, D. et al.; *Byzantine Quorum Systems*; <u>Distributed Computing</u>; Volume 11, number 4, p. 203–213, 1998.		
	BD	Goldberg, A. et al.; *Towards an Archival Intermemory*; <u>International Forum on Research and Technology Advances in Digital Libraries</u>; IEEE, pp. 147-156, 1998.		
	BE	Hartman, J.H. et al.; *The Swarm Scalable Storage System*; <u>19th ICDCS</u>; pp. 74-81, 1999.		

Examiner Signature	/Scott Sciacca/		Date Considered	05/08/2008

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.S./